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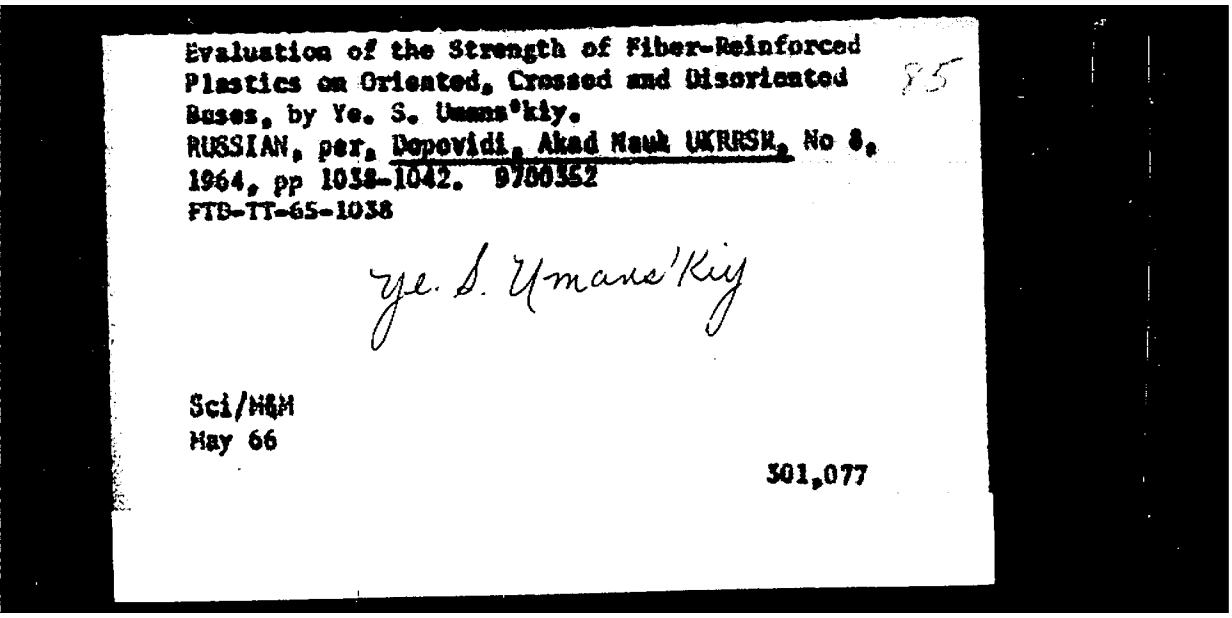

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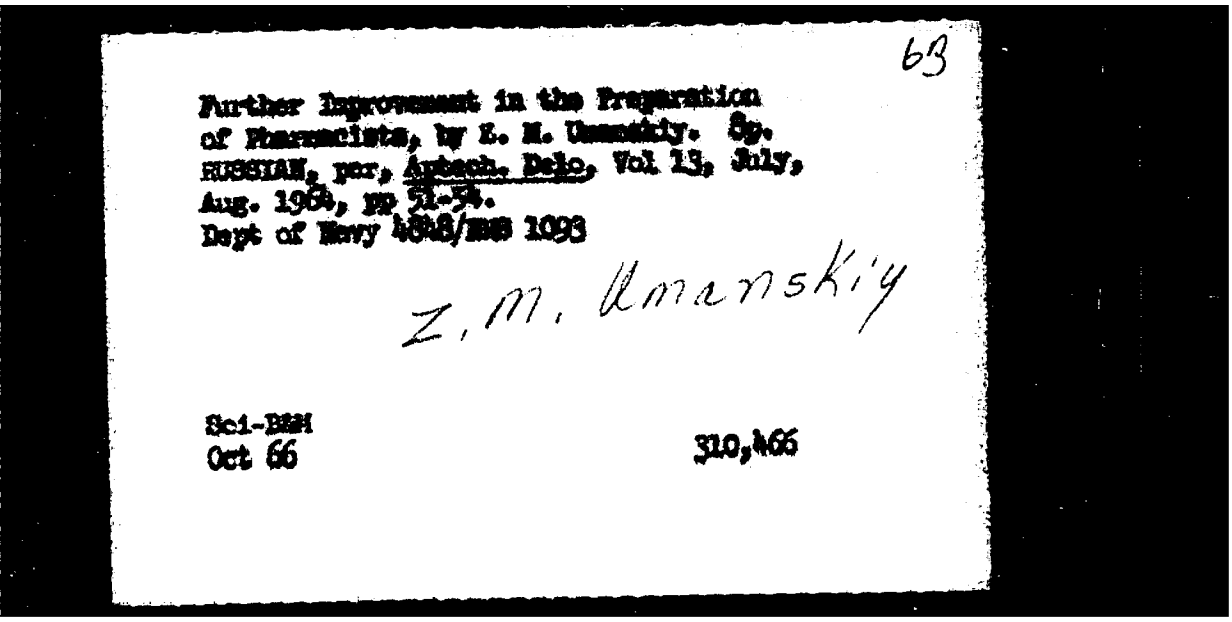

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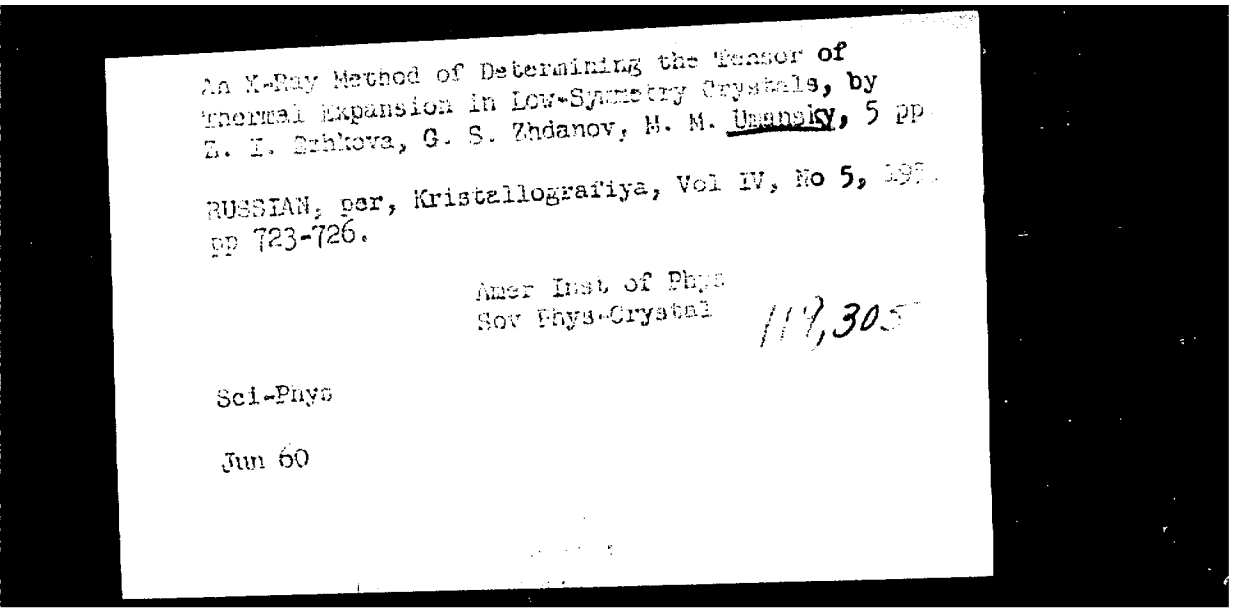

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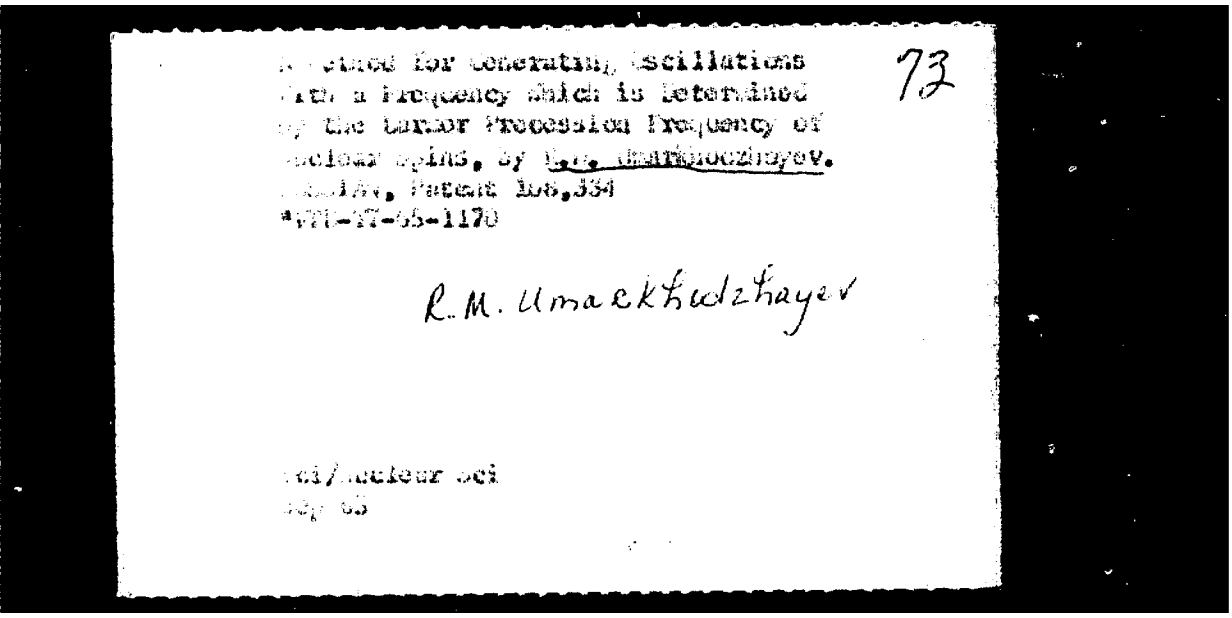

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Umehara, Tadatoshi.
LECHER-GOBAU LINE. [1962] 2lp. 4 refs.
Order from SLA $2.60 62-18841

Trans. of [Denki Tsushin Gakkai Zasshi] (Japan) 1961, v. 44, no. 4, p. 500-507.

DESCRIPTORS: *Transmission lines, *Electromagnetic waves, *Propagation, Dielectrics, Electromagnetic fields, Attenuation, Electrical impedance.

In order to improve on various shortcomings of the Goubau line, among which are the scattering by adjacent objects, an increase of loss by earth, and a large radiation loss from the curved portion, one of the counter-measures proposed is wherein two G lines are placed with a small distance between them, and the two lines, mutually exciting inverse phases, form a propagation line. Two parallel lines with dielectric covering, without the presence of TEM waves, are the line of (Physics--Wave Propagation, TT, v. 9, no. 9) (over)

62-18841

1. Title: Lecher-Gobau line
I. Umehara, T.

Office of Technical Services

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JAPANESE, publ Japan, 1949.

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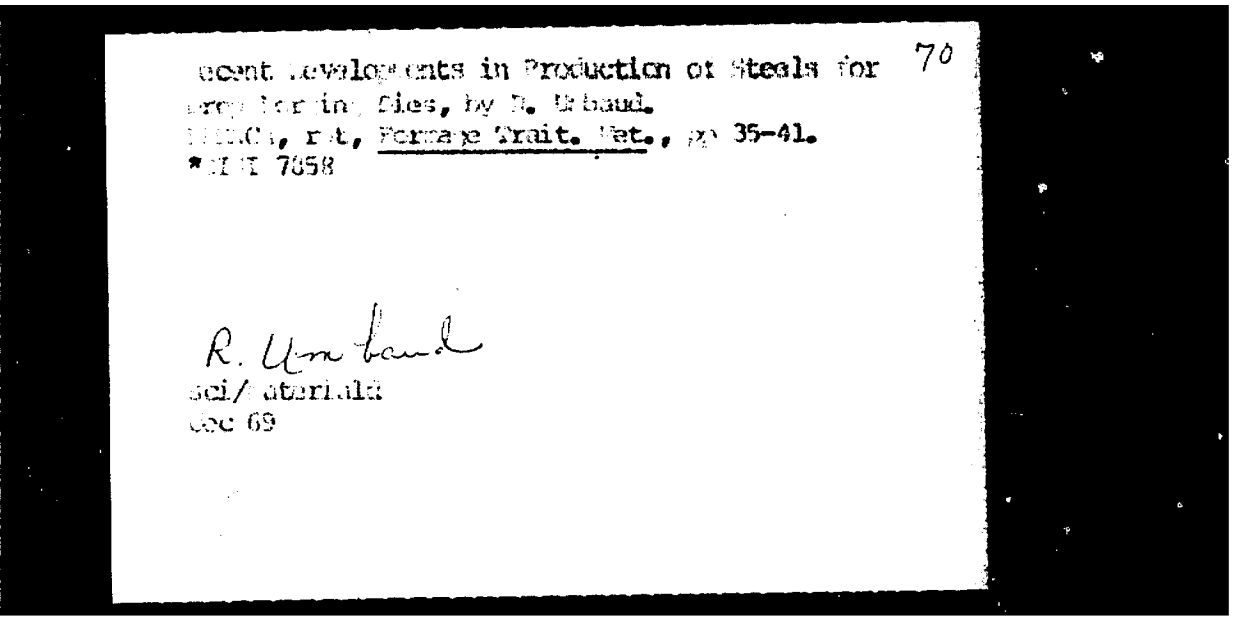

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*CIT 7858

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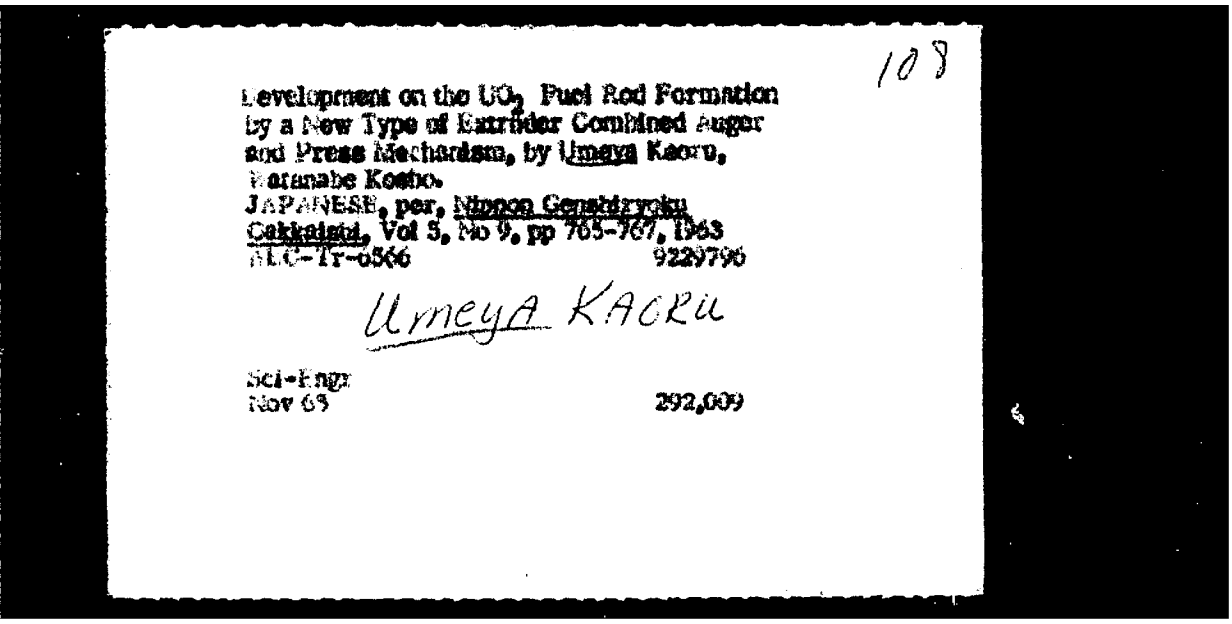

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DESCRIPTORS: *Antibiotics, Streptomyces, Crystals, Preparation.

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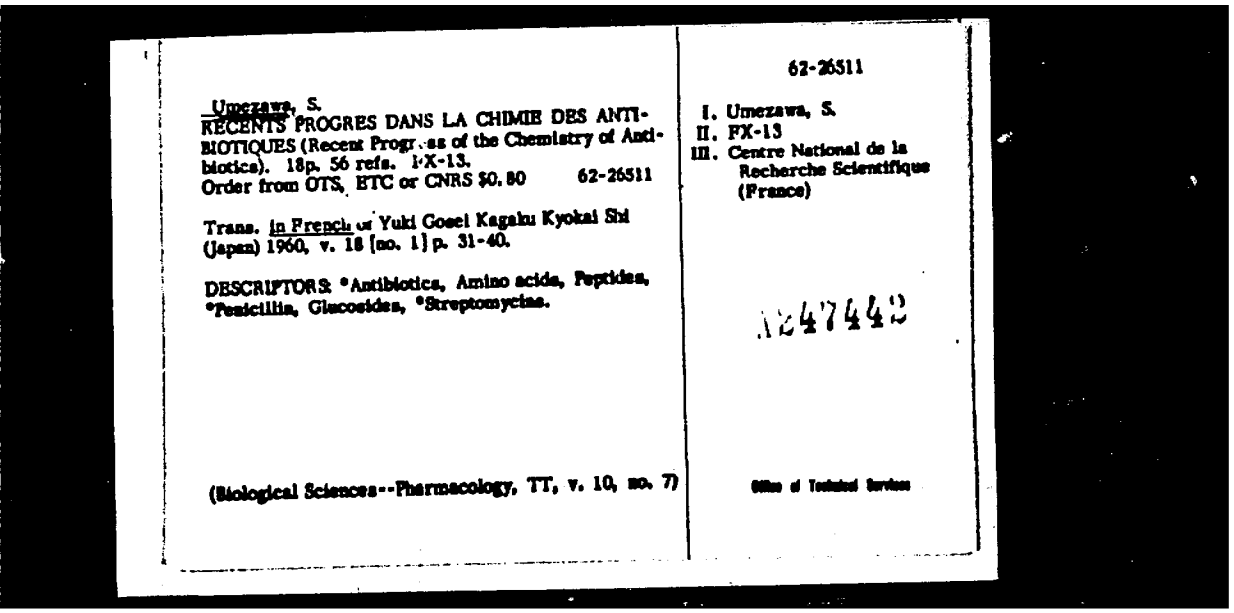

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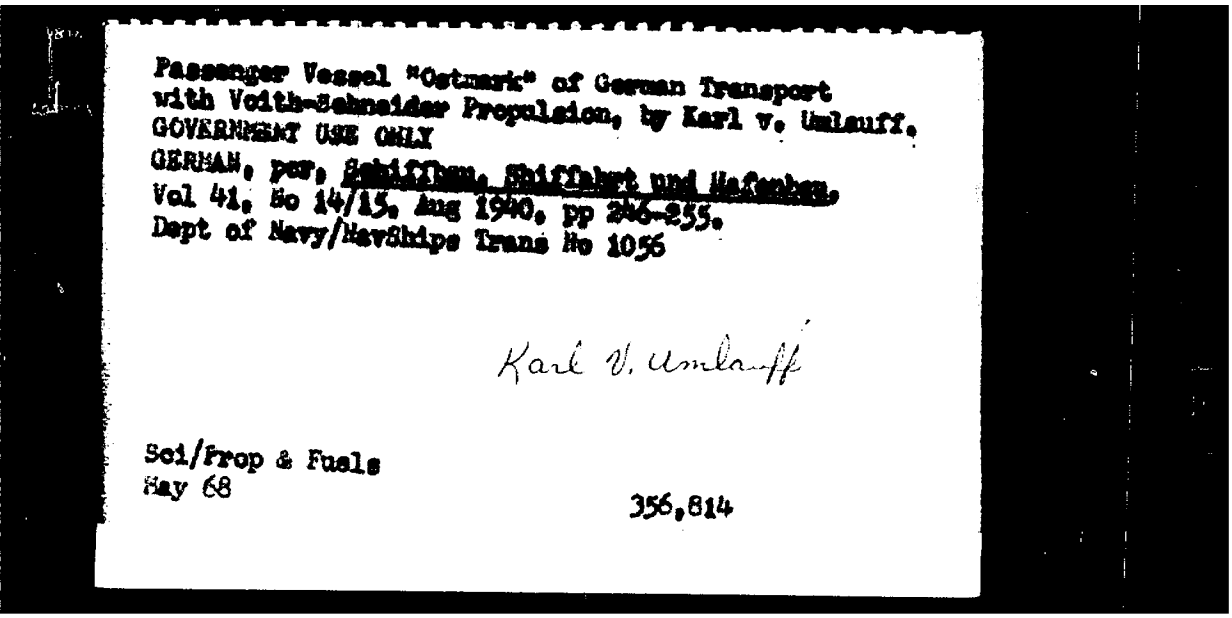

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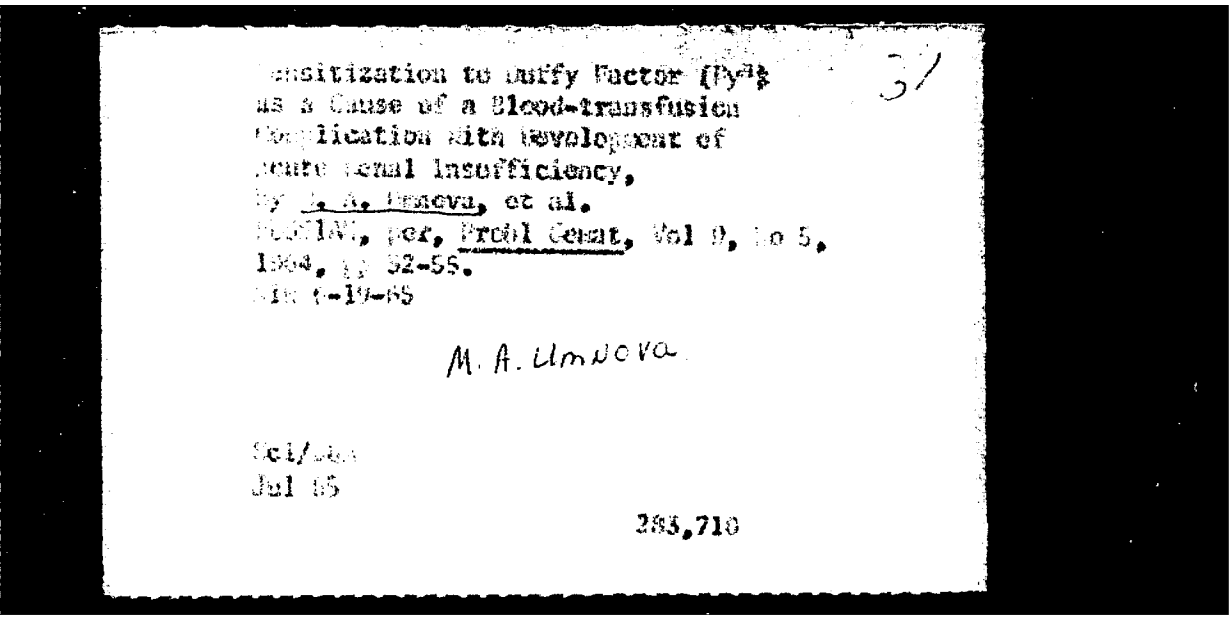

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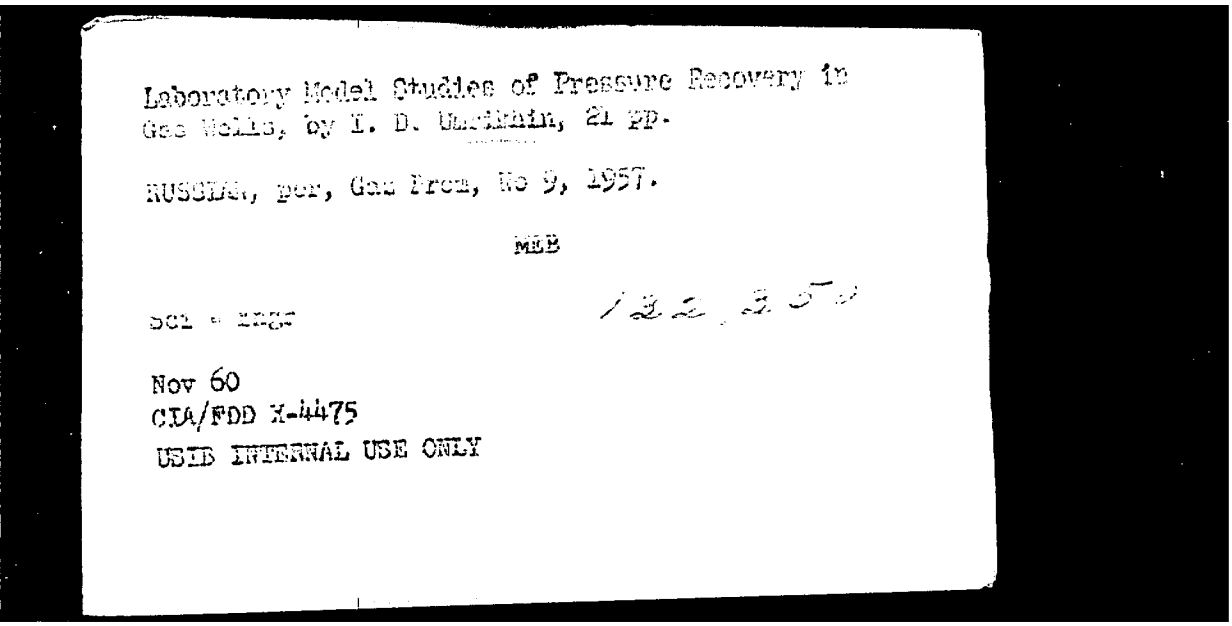

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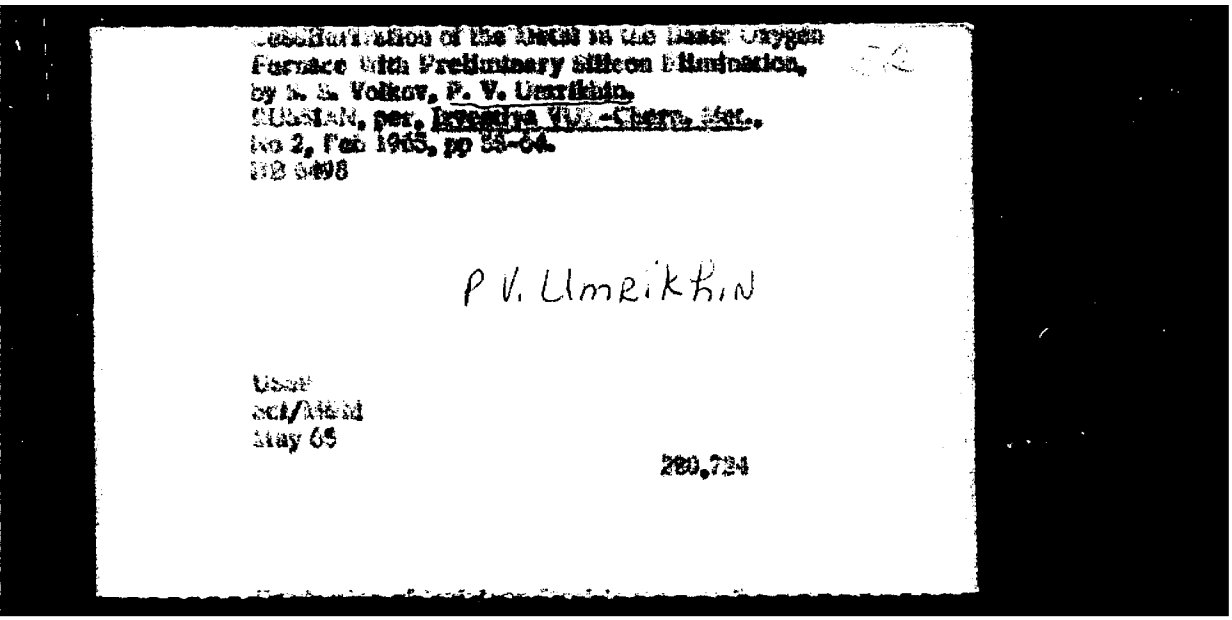

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